

GenCore version 5.1.3
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OW protein - protein search, using sw model

Run on: December 19, 2002, 14:54:32 : Search time 146 Seconds
(Without alignments)
2508.277 Million cell updates/sec

Title: US-08-813-323B-2

Perfect score: 3008

Sequence: 1 MESSKMDSPGALQTNPLK.....IKDDTIFIKIVDTSDLPDP 568

Scoring table: BIOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database :

Listing first 45 summaries

Pending_Patents_AA_Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	3008	100.0	568	12	US-08-813-323A-2
2	3008	100.0	568	12	US-08-813-323B-2
3	3008	100.0	568	12	US-09-791-537-42127
4	3008	100.0	568	25	US-10-116-275-173
5	3002	99.8	568	1	PCT-US02-17382-131
6	3002	99.8	568	7	US-08-367-540A-7

7	3002	99.8	568	7	US-08-367-540B-7	Sequence 7, Appl1
8	3002	99.8	568	7	US-08-367-540C-7	Sequence 7, Appl1
9	3002	99.8	568	21	US-09-791-537-84441	Sequence 84441, A
10	3002	99.8	568	24	US-10-042-865-166	Sequence 166, App
11	2980.5	99.1	567	1	PCT-US95-06623-2	Sequence 2, Appl1
12	2980.5	99.1	567	8	US-08-404-832-2	Sequence 2, Appl1
13	2980.5	99.1	567	16	US-09-224-556-2	Sequence 2, Appl1
14	2980.5	99.1	567	20	US-09-645-926A-7	Sequence 7, Appl1
15	2980.5	99.1	567	21	US-09-791-537-145945	Sequence 145945, A
16	2980.5	99.1	567	26	US-10-207-655-103	Sequence 103, App
17	2980.5	99.1	567	26	US-10-242-212-7	Sequence 7, Appl1
18	2886.5	96.0	567	12	US-08-813-323B-1	Sequence 1, Appl1
19	2886.5	96.0	567	21	US-09-791-537-60703	Sequence 60703, A
20	2879.5	95.7	566	12	US-08-813-323A-1	Sequence 1, Appl1
21	2878.5	95.7	567	1	US-09-791-537-40449	Sequence 40449, A
22	2839.5	94.4	543	1	PCT-US02-17382-129	Sequence 129, App
23	2839.5	94.4	543	21	US-09-791-537-5588	Sequence 5588, App
24	2831.5	94.1	543	21	US-09-757-041-2	Sequence 2, Appl1
25	2831.5	94.1	543	21	US-09-757-041A-2	Sequence 2, Appl1
26	2731.5	90.8	861	27	US-60-212-664-479	Sequence 479, App
27	2721.5	90.5	641	27	US-60-230-435-1071	Sequence 1071, App
28	2224	73.9	438	1	PCT-US00-06503-2	Sequence 2, Appl1
29	2224	73.9	438	23	US-09-950-902-2	Sequence 2, Appl1
30	1835	61.0	398	27	US-60-245-221-86	Sequence 86, Appl1
31	1701.5	56.6	347	1	PCT-US00-06503-4	Sequence 4, Appl1
32	1701.5	56.6	347	23	US-09-950-902-4	Sequence 4, Appl1
33	1253.5	41.7	558	15	US-09-170-208-1	Sequence 1, Appl1
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35	1253.5	41.7	558	21	US-09-791-537-83436	Sequence 83436, A
36	1253.5	41.7	558	24	US-10-042-865-164	Sequence 164, App
37	1253.5	41.7	558	24	US-10-042-865-165	Sequence 165, App
38	1192.5	39.6	557	15	US-09-170-208-4	Sequence 4, Appl1
39	1192.5	39.6	557	21	US-09-791-537-12567	Sequence 12567, A
40	1192.5	39.6	557	24	US-10-042-865-162	Sequence 162, App
41	1189.5	39.5	538	21	US-09-791-537-77702	Sequence 77702, A
42	1189.5	39.5	538	24	US-10-042-865-163	Sequence 163, App
43	1183	39.3	568	24	US-10-042-865-38	Sequence 38, App
44	1133	37.7	212	21	US-09-760-466-824	Sequence 824, App
45	1133	37.7	212	26	US-10-212-083-824	Sequence 824, App

ALIGNMENTS

RESULT 1

US-08-813-323A-2

Sequence 2, Application US/08813323A

GENERAL INFORMATION:

APPLICANT: Baltimore, David

APPLICANT: Cheng, Genhong

APPLICANT: Cleary, Allen

APPLICANT: Lederman, Seth

APPLICANT: Ye, Zheng-sheng

TITLE OF INVENTION: TRUNCATED CRAPI INHIBITS CD40 SIGNALING

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham, LLP

STREET: 1185 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/813,323A

FILING DATE:

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: White, John P

```

;
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 50659
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 568 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..568
; US-08-813-323A-2

Query Match          100.0%; Score 3008; DB 12; Length 568;
Best Local Similarity 100.0%; Pred. No. 1.8e-217;
Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MESSKMDSPGALQTNPLKLTHTDTSAGTPVFPVPEOGGKYEKFKYVYEDKYYKCEKCHLV 60
QY 61 CSPKQTECGHRCFCECMAALLSSSPKCTACQESIYKDKVFKNCCRELLAQIYCRNE 120
DB 61 CSPKQTECGHRCFCECMAALLSSSPKCTACQESIYKDKVFKNCCRELLAQIYCRNE 120
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DB 121 SRGCAEQLTLGHLVHLKNDCHFEEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHC 180
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DB 181 KSOVPMIALOKHEPTDPCVAVVSCPHKCSVOTLLRSELSAHLSVCVNA PSTCSFKRYGCV 240
QY 241 FQGTNOQIKAHBASSAVOHVNLKEMSNLSLEKRVSLQNESVEKNKSIOSLHNOICFSEI 300
DB 241 FQGTNOQIKAHBASSAVOHVNLKEMSNLSLEKRVSLQNESVEKNKSIOSLHNOICFSEI 300
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DB 301 EIEROKEMLRNNEKSLIHLQRYIDSQAELKELDEIRPFROMWEADSMKSSVESLQNR 360
QY 361 VTELESVDKSAQOVARNTGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETASYNGVLIW 420
DB 361 VTELESVDKSAQOVARNTGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETASYNGVLIW 420
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DB 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDGMKGTHLSLFEVIMRG 480
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DB 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSSEFKKPTGEMNITASGCEPVFAQ 540
QY 541 TVLENGTYIKDPTIFIKYIVDTSDLPDP 568
DB 541 TVLENGTYIKDPTIFIKYIVDTSDLPDP 568

RESULT 2
US-08-813-323B-2
; Sequence 2, Application US/08813323B
; GENERAL INFORMATION:
; APPLICANT: Baltimore, David
; APPLICANT: Cheng, Genhong
; APPLICANT: Ye, Zheng-Sheng
; APPLICANT: Lederman, Seth
; APPLICANT: Cleary, Aileen
; TITLE OF INVENTION: Truncated Craf-1 Inhibits CD40 Signalling
; FILE REFERENCE: 0575/50659

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; CURRENT APPLICATION NUMBER: US/08/813, 323B
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 2
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo Sapiens
; US-08-813-323B-2

Query Match          100.0%; Score 3008; DB 12; Length 568;
Best Local Similarity 100.0%; Pred. No. 1.8e-217;
Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 CSPKQTECGHRCFCECMAALLSSSPKCTACQESIYKDKVFKNCCRELLAQIYCRNE 120
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DB 121 SRGCAEQLTLGHLVHLKNDCHFEEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHC 180
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DB 181 KSOVPMIALOKHEPTDPCVAVVSCPHKCSVOTLLRSELSAHLSVCVNA PSTCSFKRYGCV 240
QY 241 FQGTNOQIKAHBASSAVOHVNLKEMSNLSLEKRVSLQNESVEKNKSIOSLHNOICFSEI 300
DB 241 FQGTNOQIKAHBASSAVOHVNLKEMSNLSLEKRVSLQNESVEKNKSIOSLHNOICFSEI 300
QY 301 EIEROKEMLRNNEKSLIHLQRYIDSQAELKELDEIRPFROMWEADSMKSSVESLQNR 360
DB 301 EIEROKEMLRNNEKSLIHLQRYIDSQAELKELDEIRPFROMWEADSMKSSVESLQNR 360
QY 361 VTELESVDKSAQOVARNTGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETASYNGVLIW 420
DB 361 VTELESVDKSAQOVARNTGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETASYNGVLIW 420
QY 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDGMKGTHLSLFEVIMRG 480
DB 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDGMKGTHLSLFEVIMRG 480
QY 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSSEFKKPTGEMNITASGCEPVFAQ 540
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RESULT 3
US-09-791-537-42127
; Sequence 42127, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY ME
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42127
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens

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US-09-791-537-42127

Query Match 100.0%; Score 3008; DB 21; Length 568;

Best Local Similarity 100.0%; Pred. No. 1,8e-217; Indels 0; Gaps 0;

Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 CSPKTEGCHRFECSCMAALLSSSPKTCACQESIVYDKFKDNCKREILALQIYCRNE 120
DB 61 CSPKTEGCHRFECSCMAALLSSSPKTCACQESIVYDKFKDNCKREILALQIYCRNE 120
QY 121 SRGCAEQLTLGLHLVHLKNDCHFEELPCVRPDKCEKVLKRDLRDHYEAKCYRATCSHC 180
DB 121 SRGCAEQLTLGLHLVHLKNDCHFEELPCVRPDKCEKVLKRDLRDHYEAKCYRATCSHC 180
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DB 181 KSOVPMTALOKHEHTDPCVYVSCPHKCSVOTLLRSELSEHLSECVNAPSTCSFKRYGCV 240
QY 241 FOGTNOQIKAHSAASAVOHVNLKEMNSLEKVSLLQNSVEKNKSIOSLHNOICSEFI 300
DB 241 FOGTNOQIKAHSAASAVOHVNLKEMNSLEKVSLLQNSVEKNKSIOSLHNOICSEFI 300
QY 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFRONWEADSMKSSVESLQNR 360
DB 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFRONWEADSMKSSVESLQNR 360
QY 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDFRQVLETAHYNGVLIW 420
DB 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDFRQVLETAHYNGVLIW 420
QY 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSEFYIMRG 480
DB 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSEFYIMRG 480
QY 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNIAASGCPVFAO 540
DB 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNIAASGCPVFAO 540
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DB 541 TVLENGTYIKDDTIFIKVIVDTSLPDP 568

```

RESULT 4

US-10-116-275-173

Sequence 173, Application US/10116275

GENERAL INFORMATION:

APPLICANT: Eian Pharmaceutical Technology

APPLICANT: O'Mahony, Daniel J.

APPLICANT: Brayden, David

APPLICANT: Byrne, Daragh

APPLICANT: Lambkin, Imelda

APPLICANT: Higgins, Lisa

TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and

FILE REFERENCE: E1067/20087

CURRENT FILING DATE: 2002-10-04

CURRENT FILING DATE: 2002-10-04

NUMBER OF SEQ ID NOS: 349

SOFTWARE: PatentIn version 3.1

SEQ ID NO 173

LENGTH: 568

TYPE: PRT

ORGANISM: Homo sapiens

US-10-116-275-173

Query Match 100.0%; Score 3008; DB 25; Length 568;
 Best Local Similarity 100.0%; Pred. No. 1,8e-217;
 Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MESSKKMDSGALQTNPLKLTDRSAGTPVPEEGGYKEKFKVTVEDKYCEKCHLV 60
QY 61 CSPKTEGCHRFECSCMAALLSSSPKTCACQESIVYDKFKDNCKREILALQIYCRNE 120
DB 61 CSPKTEGCHRFECSCMAALLSSSPKTCACQESIVYDKFKDNCKREILALQIYCRNE 120
QY 121 SRGCAEQLTLGLHLVHLKNDCHFEELPCVRPDKCEKVLKRDLRDHYEAKCYRATCSHC 180
DB 121 SRGCAEQLTLGLHLVHLKNDCHFEELPCVRPDKCEKVLKRDLRDHYEAKCYRATCSHC 180
QY 181 KSOVPMTALOKHEHTDPCVYVSCPHKCSVOTLLRSELSEHLSECVNAPSTCSFKRYGCV 240
DB 181 KSOVPMTALOKHEHTDPCVYVSCPHKCSVOTLLRSELSEHLSECVNAPSTCSFKRYGCV 240
QY 241 FOGTNOQIKAHSAASAVOHVNLKEMNSLEKVSLLQNSVEKNKSIOSLHNOICSEFI 300
DB 241 FOGTNOQIKAHSAASAVOHVNLKEMNSLEKVSLLQNSVEKNKSIOSLHNOICSEFI 300
QY 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFRONWEADSMKSSVESLQNR 360
DB 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFRONWEADSMKSSVESLQNR 360
QY 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDFRQVLETAHYNGVLIW 420
DB 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDFRQVLETAHYNGVLIW 420
QY 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSEFYIMRG 480
DB 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSEFYIMRG 480
QY 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNIAASGCPVFAO 540
DB 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNIAASGCPVFAO 540
QY 541 TVLENGTYIKDDTIFIKVIVDTSLPDP 568
DB 541 TVLENGTYIKDDTIFIKVIVDTSLPDP 568

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RESULT 5

PCT-US02-17382-131

Sequence 131, Application PC/TUS0217382

GENERAL INFORMATION:

APPLICANT: EXELIXIS, INC.

TITLE OF INVENTION: MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE

FILE REFERENCE: EX02-062

CURRENT FILING DATE: 2002-06-05

CURRENT FILING DATE: 2002-06-05

PRIOR APPLICATION NUMBER: US 60/296,076

PRIOR APPLICATION NUMBER: US 60/328,605

PRIOR FILING DATE: 2001-10-10

PRIOR FILING DATE: 2002-02-15

NUMBER OF SEQ ID NOS: 234

SOFTWARE: PatentIn version 3.1

SEQ ID NO 131

LENGTH: 568

TYPE: PRT

ORGANISM: Homo sapiens

PCT-US02-17382-131

Query Match 99.8%; Score 3002; DB 1; Length 568;
 Best Local Similarity 99.8%; Pred. No. 5,2e-217;
 Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 MESSKKMDSGALQTNPLKLTDRSAGTPVPEEGGYKEKFKVTVEDKYCEKCHLV 60

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QY	61	CSFQVTECGHRCFCSMAALLSSSPKCTACQESYKDYKFXNCKKRELLAOIQCRNE	120
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QY	121	SRGAEOLTLGHLVLHLKNDCHFEELPCVPPDCKEKVLRKDLRDHYEKAQCKYREATCSHC	180
Db	121	SRGAEOLTLGHLVLHLKNDCHFEELPCVPPDCKEKVLRKDLRDHYEKAQCKYREATCSHC	180
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Db	181	KSQVPMIALOKHEDTDCPCVYVSCPHKCSVQTLRLSELASHLSECYNABSTCSFKRYGCV	240
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Db	241	FOGNNOOIKHAHSAAYOHNLKEMNSLFEKYSLLQNSYVKNKSIOSLHMOISFEI	300
QY	301	EIEKQEKMLRNNEKILHLQVRVIDSOAEKLELDKEIIRPQRQWEADSKSSVESLQNR	360
Db	301	EIEKQEKMLRNNEKILHLQVRVIDSOAEKLELDKEIIRPQRQWEADSKSSVESLQNR	360
QY	361	VTELESYDKSAGVARNRNGILLESOLSHDDMLSVHDIRLADMOLRFQVLTASYNGVLW	420
Db	361	VTELESYDKSAGVARNRNGILLESOLSHDDMLSVHDIRLADMOLRFQVLTASYNGVLW	420
QY	421	KIRDYKRRKQBAVWGKTLSTYSQPFYTGFGYKMCARVYLNGDMGKTHLSLFPVIMRG	480
Db	421	KIRDYKRRKQBAVWGKTLSTYSQPFYTGFGYKMCARVYLNGDMGKTHLSLFPVIMRG	480
QY	481	EYDALLPPEFOXATYLMMDQSSRRHLGQAFKRPDPNSSPKRKTGEMNITASGCPYVVAQ	540
Db	481	EYDALLPPEFOXATYLMMDQSSRRHLGQAFKRPDPNSSPKRKTGEMNITASGCPYVVAQ	540
QY	541	TVLENGTYIKDDTIFIKYIVDTSJLDPD	568
Db	541	TVLENGTYIKDDTIFIKYIVDTSJLDPD	568
RESULT 6			
US-08-367-540A-7			
; Sequence 7, Application US/08367540A			
; GENERAL INFORMATION:			
; APPLICANT: Kieff, Elliott			
; APPLICANT: Mosialos, George			
; APPLICANT: Birnenbach, Mark			
; APPLICANT: Vanarsdale, Todd			
; APPLICANT: Kaye, Kenneth M.			
; TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS			
; NUMBER OF SEQUENCES: 8			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Fish & Richardson P.C.			
; STREET: 225 Franklin Street			
; CITY: Boston			
; STATE: MA			
; COUNTRY: USA			
; ZIP: 02110-2804			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Diskette			
; COMPUTER: IBM Compatible			
; OPERATING SYSTEM: Windows 95			
; SOFTWARE: FastSEO for Windows Version 2.0b			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/08/367,540A			
; FILING DATE: 30-DEC-1994			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Freeman, John W.			
; REGISTRATION NUMBER: 29,066			
; REFERENCE/DOCKET NUMBER: 05311/014001			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: 617/542-5070			
; TELEFAX: 617/542-8906			
; TELETYPE: 200154			
; INFORMATION FOR SEQ ID NO: 7:			

```

SEQUENCE CHARACTERISTICS:
LENGTH: 568 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-367-540A-7

Query Match          99.8%; Score 3002; DB 7; Length 568;
Best Local Similarity 99.8%; Pred. No. 5.2e-217;
Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1  MESSKKMDSPGALQINPPLKLTHTDSAGTPIVFPVPGGCKKKKFKYTKYEDKYYKCEKHVLV 60
Db      1  MESSKKMDSPGALQINPPLKLTHTDSAGTPIVFPVPGGCKKKKFKYTKYEDKYYKCEKHVLV 60
QY      61  CSPKPFCEGRFCECMAALLSSSPKCAOCESIVKQKVFKNDCCKRELLAIQICRNE 120
Db      61  CSPKPFCEGRFCECMAALLSSSPKCAOCESIVKQKVFKNDCCKRELLAIQICRNE 120
QY      121  SRGCAEOLTLGHLLVHLKNDCHFEELPCVPDPCKEKVLRKDLRDHVEKACKYREATCSHC 180
Db      121  SRGCAEOLTMGHLLVHLKNDCHFEELPCVPDPCKEKVLRKDLRDHVEKACKYREATCSHC 180
QY      181  KSQYPMALOKHEDTDCPCVVWSCPHKCSYOTLLRSELSAHLSECVAAPSTCSFKRYGCY 240
Db      181  KSQYPMALOKHEDTDCPCVVWSCPHKCSYOTLLRSELSAHLSECVAAPSTCSFKRYGCY 240
QY      241  FQGTNOQIKAHKSSAVOHVNTLKEWNSLEKRVSLIÖNESVEKNKSTIOSIHNQICFEL 300
Db      241  FQGTNOQIKAHKSSAVOHVNTLKEWNSLEKRVSLIÖNESVEKNKSTIOSIHNQICFEL 300
QY      301  EIEKQKEMLNNSKTIHLQRYIDSOAEKLEKELKEIRPPRONNEADSMKSSVESIÖNR 360
Db      301  EIEKQKEMLNNSKTIHLQRYIDSOAEKLEKELKEIRPPRONNEADSMKSSVESIÖNR 360
QY      361  VTELESYDKSAGVARTGTLLESQLESRRHÖMLSVHDIRLADMDLRFOVLETASTNGVLIW 420
Db      361  VTELESYDKSAGVARTGTLLESQLESRRHÖMLSVHDIRLADMDLRFOVLETASTNGVLIW 420
QY      421  KIRQYKRRKQEAWVGKTLISYSPFTYGFYKMKCARVYLNGDGGKGTHTLSLFEVIMRG 480
Db      421  KIRQYKRRKQEAWVGKTLISYSPFTYGFYKMKCARVYLNGDGGKGTHTLSLFEVIMRG 480
QY      481  EYDALLPMPFKOKTTLMLMDÖSSRRRLDADFPPDNSSFFKPTGEMNIASGCPVFAQ 540
Db      481  EYDALLPMPFKOKTTLMLMDÖSSRRRLDADFPPDNSSFFKPTGEMNIASGCPVFAQ 540
QY      541  TVLENGYIKDDTIFIKYIVDTSDLPDP 568
Db      541  TVLENGYIKDDTIFIKYIVDTSDLPDP 568

RESULT 7
US-08-367-540B-7
/ Sequence 7, Application US/08367540B
/ GENERAL INFORMATION:
/ APPLICANT: Kieft, Elliott
/ APPLICANT: Mosialos, George
/ APPLICANT: Birkenbach, Mark
/ APPLICANT: Vanarsdale, Todd
/ APPLICANT: Ware, Carol
/ APPLICANT: Kaye, Kenneth M.
/ TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Fish & Richardson P.C.
/ STREET: 225 Franklin Street
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:

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MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FastSeq for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/367,540B
 FILING DATE: 30-DEC-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 05311/014001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 568 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-367-540B-7

Query Match 99.8%; Score 3002; DB 7; Length 568;
 Best Local Similarity 99.8%; Pred. No. 5,2e-217;
 Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESSKMDSPALQTNPLKHTDRSAGTPVPEEGGYKEKFEVTVEDKYCEKCHLV 60
 DB 1 MESSKMDSPALQTNPLKHTDRSAGTPVPEEGGYKEKFEVTVEDKYCEKCHLV 60
 QY 61 CSPKOTEGCHRECECMALLSSSPKCTACQESTYKDKVFNCKCKREITLQIYCRNE 120
 DB 61 CSPKOTEGCHRECECMALLSSSPKCTACQESTYKDKVFNCKCKREITLQIYCRNE 120
 QY 121 SRGCAEQLTGLHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 DB 121 SRGCAEQLTGLHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 QY 181 KSOVPMTALQKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFRKYGCV 240
 DB 181 KSOVPMTALQKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFRKYGCV 240
 QY 241 FQGNNOQIAHEASSAVQHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 DB 241 FQGNNOQIAHEASSAVQHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 QY 301 EIEROKEMLRNNESEKILHQRVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 DB 301 EIEROKEMLRNNESEKILHQRVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 QY 361 VTELESVDKSAQVARNNTGLLESQSRHDOMLSVHDIRLADMIRLFOVLETAASYGVLIW 420
 DB 361 VTELESVDKSAQVARNNTGLLESQSRHDOMLSVHDIRLADMIRLFOVLETAASYGVLIW 420
 QY 421 KIRDYKRRKOAVNMGKTLSTYSQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRG 480
 DB 421 KIRDYKRRKOAVNMGKTLSTYSQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRG 480
 QY 481 EYDALLPMPFKQKVTLLMDQSSRRHLGDAFKPDPNSSFFKPKPTGEMNTASGCPVFAVQ 540
 DB 481 EYDALLPMPFKQKVTLLMDQSSRRHLGDAFKPDPNSSFFKPKPTGEMNTASGCPVFAVQ 540
 QY 541 TVLENGYIKDDTIFIVYVDTSLDPP 568
 DB 541 TVLENGYIKDDTIFIVYVDTSLDPP 568

RESULT 8
 US-08-367-540C-7
 ; Sequence 7, Application US/08367540C
 ; GENERAL INFORMATION:

APPLICANT: Kieff, Elliott
 APPLICANT: Mosialos, George
 APPLICANT: Birkenbach, Mark
 APPLICANT: Varnsdale, Todd
 APPLICANT: Ware, Carol
 APPLICANT: Kaye, Kenneth M.
 NUMBER OF SEQUENCES: 21
 TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS
 CORRESPONDENCE ADDRESS:
 ADDRESS: Fish & Richardson P.C.
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FastSeq for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/367,540C
 FILING DATE: 30-DEC-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 05311/014001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906
 TELEX: 200154

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
 LENGTH: 568 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-367-540C-7

Query Match 99.8%; Score 3002; DB 7; Length 568;
 Best Local Similarity 99.8%; Pred. No. 5,2e-217;
 Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESSKMDSPALQTNPLKHTDRSAGTPVPEEGGYKEKFEVTVEDKYCEKCHLV 60
 DB 1 MESSKMDSPALQTNPLKHTDRSAGTPVPEEGGYKEKFEVTVEDKYCEKCHLV 60
 QY 61 CSPKOTEGCHRECECMALLSSSPKCTACQESTYKDKVFNCKCKREITLQIYCRNE 120
 DB 61 CSPKOTEGCHRECECMALLSSSPKCTACQESTYKDKVFNCKCKREITLQIYCRNE 120
 QY 121 SRGCAEQLTGLHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 DB 121 SRGCAEQLTGLHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 QY 181 KSOVPMTALQKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFRKYGCV 240
 DB 181 KSOVPMTALQKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFRKYGCV 240
 QY 241 FQGNNOQIAHEASSAVQHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 DB 241 FQGNNOQIAHEASSAVQHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 QY 301 EIEROKEMLRNNESEKILHQRVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 DB 301 EIEROKEMLRNNESEKILHQRVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 QY 361 VTELESVDKSAQVARNNTGLLESQSRHDOMLSVHDIRLADMIRLFOVLETAASYGVLIW 420
 DB 361 VTELESVDKSAQVARNNTGLLESQSRHDOMLSVHDIRLADMIRLFOVLETAASYGVLIW 420
 QY 421 KIRDYKRRKOAVNMGKTLSTYSQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRG 480

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Db      421 KIDYKRRKOEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMKGKTHLSLFYIMNG 480
QY      481 EYDALLPWPFKOKVTLMLMDQSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
Db      481 EYDALLPWPFKOKVTLMLMDQSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
QY      541 TVLENGTYIKDPTIFIKVIVDTSDLPDP 568
Db      541 TVLENGTYIKDPTIFIKVIVDTSDLPDP 568

RESULT 9
US-09-791-537-84441
; Sequence 84441, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 84441
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-537-84441

Query Match          99.8%; Score 3002; DB 21; Length 568;
Best Local Similarity 99.8%; Pred. No. 5.2e-217;
Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVYVPEOGGYKFKVYEDKRCCKCHLV 60
Db      1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVYVPEOGGYKFKVYEDKRCCKCHLV 60
QY      61 CSPKOTEGHRCFESCAALLSSSPKCTACQESIVKDKVFNCKCKREILALQIYCRNE 120
Db      61 CSPKOTEGHRCFESCAALLSSSPKCTACQESIVKDKVFNCKCKREILALQIYCRNE 120
QY      121 SRGCAEQLTGLHLVHLKNDCHFEELPCVPRDCKEYVLRKDLRDHVEKACKYREATCSHC 180
Db      121 SRGCAEQLTGLHLVHLKNDCHFEELPCVPRDCKEYVLRKDLRDHVEKACKYREATCSHC 180
QY      181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELNHLSECVNADSTCSFKRYGCV 240
Db      181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELNHLSECVNADSTCSFKRYGCV 240
QY      241 FQGTNOQIKAEHSAVQHNILKENSLSLEKVSILQNSVAKNNSISQSLNQLQTSFEL 300
Db      241 FQGTNOQIKAEHSAVQHNILKENSLSLEKVSILQNSVAKNNSISQSLNQLQTSFEL 300
QY      301 EIEROKEMLNNSKILHLQRIVDISOAEKLELDKEIRPPROWEADSKSSVESLQNR 360
Db      301 EIEROKEMLNNSKILHLQRIVDISOAEKLELDKEIRPPROWEADSKSSVESLQNR 360
QY      361 VTELESVDKASAGVARNRTGLLESQLSRHDMLSVHDIRLADMRLRQVLETASYNGLVIM 420
Db      361 VTELESVDKASAGVARNRTGLLESQLSRHDMLSVHDIRLADMRLRQVLETASYNGLVIM 420
QY      421 KIDYKRRKOEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMKGKTHLSLFYIMNG 480
Db      421 KIDYKRRKOEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMKGKTHLSLFYIMNG 480
QY      481 EYDALLPWPFKOKVTLMLMDQSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
Db      481 EYDALLPWPFKOKVTLMLMDQSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
QY      541 TVLENGTYIKDPTIFIKVIVDTSDLPDP 568

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Db      541 TVLENGTYIKDPTIFIKVIVDTSDLPDP 568

RESULT 10
US-10-042-865-166
; Sequence 166, Application US/10042865
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Casman, Stacie J
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zhong, Mei
; APPLICANT: Gangolli, Esna A
; APPLICANT: Burgess, Catherine E
; APPLICANT: Paturajan, Meera
; APPLICANT: Vernet, Corine A.M
; APPLICANT: Taylor, Sarah
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Miller, Charles E
; APPLICANT: Guo, Xiaojia
; APPLICANT: Boldog, Ference L
; APPLICANT: Grosse, William M
; APPLICANT: Alsobrook II, John P
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Ellerman, Karen
; APPLICANT: MacDougall, John
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, David
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; TITLE OF INVENTION: Using the Same
; FILE REFERENCE: 21402-537
; CURRENT APPLICATION NUMBER: US/10/042,865
; CURRENT FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/260,417
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: 60/260,831
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: 60/272,338
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/274,876
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/284,704
; PRIOR FILING DATE: 2001-04-18
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 166
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-042-865-166

Query Match          99.8%; Score 3002; DB 24; Length 568;
Best Local Similarity 99.8%; Pred. No. 5.2e-217;
Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVYVPEOGGYKFKVYEDKRCCKCHLV 60
Db      1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVYVPEOGGYKFKVYEDKRCCKCHLV 60
QY      61 CSPKOTEGHRCFESCAALLSSSPKCTACQESIVKDKVFNCKCKREILALQIYCRNE 120
Db      61 CSPKOTEGHRCFESCAALLSSSPKCTACQESIVKDKVFNCKCKREILALQIYCRNE 120
QY      121 SRGCAEQLTGLHLVHLKNDCHFEELPCVPRDCKEYVLRKDLRDHVEKACKYREATCSHC 180

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1      RESULT 11
2      PCT-US95-06623-2
3      Sequence 2, Application PC/TUS9506623
4      GENERAL INFORMATION:
5      APPLICANT: THE REGENTS OF THE UNIVERSITY OF MICHIGAN
6      TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF
7      TITLE OF INVENTION: USING SAME
8      NUMBER OF SEQUENCES: 12
9      CORRESPONDENCE ADDRESS:
10     ADDRESSEE: MORRISON & FOERSTER
11     STREET: 755 Page Mill Road
12     CITY: Palo Alto
13     STATE: California
14     COUNTRY: USA
15     ZIP: 94304-1018
16     COMPUTER READABLE FORM:
17     MEDIUM TYPE: Floppy disk
18     COMPUTER: IBM PC compatible
19     OPERATING SYSTEM: PC-DOS/MS-DOS
20     SOFTWARE: PatentIn Release #1.0, Version #1.30
21     CURRENT APPLICATION DATA:
22     APPLICATION NUMBER: PCT/US95/06623
23     FILING DATE:
24     CLASSIFICATION:
25     ATTORNEY/AGENT INFORMATION:
26     NAME: KONSKI, ANTOINETTE F.
27     REGISTRATION NUMBER: 34,202
28     REFERENCE/DOCKET NUMBER: 203442102540
29     TELECOMMUNICATION INFORMATION:
30     TELEPHONE: (415) 813-5600
31     TELEFAX: (415) 494-0792
32     TELEX: 706141
33     INFORMATION FOR SEQ ID NO: 2:
34     SEQUENCE CHARACTERISTICS:
35     LENGTH: 567 amino acids
36     TYPE: amino acid
37     TOPOLOGY: linear
38     MOLECULE TYPE: protein
39     PCT-US95-06623-2
40
41     Query Match          99.1%; Score 2980.5; DB 1; Length 567;

```

RESULT 12
 US-08-404-832-2
 ; Sequence 2, Application US/08404832
 ; GENERAL INFORMATION:
 ; APPLICANT: DIXIT, VISHA M.
 ; TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF
 ; TITLE OF INVENTION: USING SAME
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORRISON & FOERSTER
 ; STREET: 755 Page Mill Road
 ; CITY: Palo Alto
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94304-1018
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/404,832
 ; FILING DATE:
 ; CLASSIFICATION: 530
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: KONSKI, ANTOINETTE F.
 ; REGISTRATION NUMBER: 34,202
 ; REFERENCE/DOCKET NUMBER: 203442102500
 ; TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 813-5600
 TELEFAX: (415) 494-0792
 TELEX: 706141
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 567 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-404-832-2

Query Match 99.1%; Score 2980.5; DB 8; Length 567;
 Best Local Similarity 99.5%; Pred. No. 2.2e-215;
 Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

```

QY 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKKEKFKYVDEKRYKCEKCHLYL 60
    1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKKEKFKYVDEKRYKCEKCHLYL 60
DB 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKKEKFKYVDEKRYKCEKCHLYL 60
QY 61 CSPKQTEGHRFCESCMALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
    61 CSPKQTEGHRFCESCMALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
DB 61 CSPKQTEGHRFCESCMALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
QY 121 SRGCAEQTLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
    121 SRGCAEQTLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
DB 121 SRGCAEQTLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 179
QY 181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSYQTLRSELSAHLSECVNAPSTCSFKRYGCV 240
    181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSYQTLRSELSAHLSECVNAPSTCSFKRYGCV 240
DB 181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSYQTLRSELSAHLSECVNAPSTCSFKRYGCV 239
QY 241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLQNESVEKNKSIOSLHNOICSPFI 300
    241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLQNESVEKNKSIOSLHNOICSPFI 300
DB 241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLQNESVEKNKSIOSLHNOICSPFI 299
QY 301 EIEROKEMLRNNEKILHLQRYIDSOAEKLELDEKEIRPFQNMWEADSMKSSVESLQNR 360
    301 EIEROKEMLRNNEKILHLQRYIDSOAEKLELDEKEIRPFQNMWEADSMKSSVESLQNR 360
DB 301 EIEROKEMLRNNEKILHLQRYIDSOAEKLELDEKEIRPFQNMWEADSMKSSVESLQNR 359
QY 361 VTELESYDKSAGVARNITGLLESQLSRHDQMSVHDIRLADMDLRFQVLETASNGVLIW 420
    361 VTELESYDKSAGVARNITGLLESQLSRHDQMSVHDIRLADMDLRFQVLETASNGVLIW 420
DB 361 VTELESYDKSAGVARNITGLLESQLSRHDQMSVHDIRLADMDLRFQVLETASNGVLIW 419
QY 421 KIRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 480
    421 KIRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 480
DB 421 KIRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 479
QY 481 EYDALLPWPFKQKVTLMMDQSSRRHLGDAFKPDPNSSSFKKPTGEMNIASGCPVFAQ 540
    481 EYDALLPWPFKQKVTLMMDQSSRRHLGDAFKPDPNSSSFKKPTGEMNIASGCPVFAQ 540
DB 481 EYDALLPWPFKQKVTLMMDQSSRRHLGDAFKPDPNSSSFKKPTGEMNIASGCPVFAQ 539
QY 541 TVLENGTYIKDDTIFIKIYIVTSDLPDP 568
    541 TVLENGTYIKDDTIFIKIYIVTSDLPDP 568
DB 540 TVLENGTYIKDDTIFIKIYIVTSDLPDP 567

```

RESULT 13
 US-09-224-556-2
 Sequence 2, Application US/09224556
 GENERAL INFORMATION:
 APPLICANT: Dixit, Vishva M.
 TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF
 TITLE OF INVENTION: USING SAME
 FILE REFERENCE: 128019201702
 CURRENT APPLICATION NUMBER: US/09/224,556
 PRIOR FILING DATE: 1998-12-30
 PRIOR APPLICATION NUMBER: 08/826,577
 PRIOR FILING DATE: 1997-04-02
 PRIOR APPLICATION NUMBER: 08/004,832
 PRIOR FILING DATE: 1995-03-13
 NUMBER OF SEQ ID NOS: 16
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 2

LENGTH: 567
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-224-556-2

Query Match 99.1%; Score 2980.5; DB 16; Length 567;
 Best Local Similarity 99.5%; Pred. No. 2.2e-215;
 Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

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QY 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKKEKFKYVDEKRYKCEKCHLYL 60
    1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKKEKFKYVDEKRYKCEKCHLYL 60
DB 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKKEKFKYVDEKRYKCEKCHLYL 60
QY 61 CSPKQTEGHRFCESCMALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
    61 CSPKQTEGHRFCESCMALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
DB 61 CSPKQTEGHRFCESCMALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
QY 121 SRGCAEQTLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
    121 SRGCAEQTLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
DB 121 SRGCAEQTLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 179
QY 181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSYQTLRSELSAHLSECVNAPSTCSFKRYGCV 240
    181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSYQTLRSELSAHLSECVNAPSTCSFKRYGCV 240
DB 181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSYQTLRSELSAHLSECVNAPSTCSFKRYGCV 239
QY 241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLQNESVEKNKSIOSLHNOICSPFI 300
    241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLQNESVEKNKSIOSLHNOICSPFI 300
DB 241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLQNESVEKNKSIOSLHNOICSPFI 299
QY 301 EIEROKEMLRNNEKILHLQRYIDSOAEKLELDEKEIRPFQNMWEADSMKSSVESLQNR 360
    301 EIEROKEMLRNNEKILHLQRYIDSOAEKLELDEKEIRPFQNMWEADSMKSSVESLQNR 360
DB 301 EIEROKEMLRNNEKILHLQRYIDSOAEKLELDEKEIRPFQNMWEADSMKSSVESLQNR 359
QY 361 VTELESYDKSAGVARNITGLLESQLSRHDQMSVHDIRLADMDLRFQVLETASNGVLIW 420
    361 VTELESYDKSAGVARNITGLLESQLSRHDQMSVHDIRLADMDLRFQVLETASNGVLIW 420
DB 361 VTELESYDKSAGVARNITGLLESQLSRHDQMSVHDIRLADMDLRFQVLETASNGVLIW 419
QY 421 KIRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 480
    421 KIRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 480
DB 421 KIRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 479
QY 481 EYDALLPWPFKQKVTLMMDQSSRRHLGDAFKPDPNSSSFKKPTGEMNIASGCPVFAQ 540
    481 EYDALLPWPFKQKVTLMMDQSSRRHLGDAFKPDPNSSSFKKPTGEMNIASGCPVFAQ 540
DB 481 EYDALLPWPFKQKVTLMMDQSSRRHLGDAFKPDPNSSSFKKPTGEMNIASGCPVFAQ 539
QY 541 TVLENGTYIKDDTIFIKIYIVTSDLPDP 568
    541 TVLENGTYIKDDTIFIKIYIVTSDLPDP 568
DB 540 TVLENGTYIKDDTIFIKIYIVTSDLPDP 567

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RESULT 14
 US-09-645-926A-7
 Sequence 7, Application US/09645926A
 GENERAL INFORMATION:
 APPLICANT: AHUJA, SEEMA
 TITLE OF INVENTION: CD40 LIGAND AND CD40 AGONIST COMPOSITIONS AND METHODS OF USE
 FILE REFERENCE: 4003,001000
 CURRENT APPLICATION NUMBER: US/09/645,926A
 PRIOR FILING DATE: 2000-08-24
 PRIOR APPLICATION NUMBER: 60/151,250
 PRIOR FILING DATE: 1999-08-27
 NUMBER OF SEQ ID NOS: 7
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 7
 LENGTH: 567
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-645-926A-7

Query Match 99.1%; Score 2980.5; DB 20; Length 567;
 Best Local Similarity 99.5%; Pred. No. 2.2e-215;
 Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;


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QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEGGYKKEKFKVTVEEDKCKECHVL 60
Db 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEGGYKKEKFKVTVEEDKCKECHVL 60
QY 61 CSPKQTECHGRFCESCMALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120
Db 61 CSPKQTECHGRFCESCMALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120
QY 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPDKCEKYLRLDRHVEKACKYREATCSHC 180
Db 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPDKCEKYLRLDRHVEKACKYREATCSHC 179
QY 181 KSOVPMIALOKHEDTDCPCVVVSCPHKCSVOTLRSLSAHLSECVNAPSTCSFRKRGCV 240
Db 181 KSOVPMIALOKHEDTDCPCVVVSCPHKCSVOTLRSLSAHLSECVNAPSTCSFRKRGCV 239
QY 241 FOGTNOQIKAHSAASAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 300
Db 241 FOGTNOQIKAHSAASAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 299
QY 301 EIEROKEMLRNNEKILHQRVIDSOAEKLELDEKIRPROMWEADSMKSSVESLQNR 360
Db 301 EIEROKEMLRNNEKILHQRVIDSOAEKLELDEKIRPROMWEADSMKSSVESLQNR 359
QY 361 VTELESVDKSAGOVARNRTGLLESQLSRHDOMLSYHDIRLADMDLRFQVLETAASYNGVLIW 420
Db 361 VTELESVDKSAGOVARNRTGLLESQLSRHDOMLSYHDIRLADMDLRFQVLETAASYNGVLIW 419
QY 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLANGDMGKGTSLSFVYIMRG 480
Db 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLANGDMGKGTSLSFVYIMRG 479
QY 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAASGCPVFAO 540
Db 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAASGCPVFAO 539
QY 541 TVLENGTYIKDDTIFIKIYIVDTSDLPDP 568
Db 541 TVLENGTYIKDDTIFIKIYIVDTSDLPDP 567

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RESULT 15

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US-09-791-537-145945
; Sequence 145945, Application US/09/91537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMB
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 145945
; LENGTH: 567
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-537-145945

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Query Match 99.1%; Score 2980.5; DB 21; Length 567;

Best Local Similarity 99.5%; Pred. No. 2.2e-215;

Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

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QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEGGYKKEKFKVTVEEDKCKECHVL 60
Db 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEGGYKKEKFKVTVEEDKCKECHVL 60
QY 61 CSPKQTECHGRFCESCMALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120
Db 61 CSPKQTECHGRFCESCMALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120

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QY 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPDKCEKYLRLDRHVEKACKYREATCSHC 180
Db 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPDKCEKYLRLDRHVEKACKYREATCSHC 179
QY 181 KSOVPMIALOKHEDTDCPCVVVSCPHKCSVOTLRSLSAHLSECVNAPSTCSFRKRGCV 240
Db 181 KSOVPMIALOKHEDTDCPCVVVSCPHKCSVOTLRSLSAHLSECVNAPSTCSFRKRGCV 239
QY 241 FOGTNOQIKAHSAASAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 300
Db 241 FOGTNOQIKAHSAASAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 299
QY 301 EIEROKEMLRNNEKILHQRVIDSOAEKLELDEKIRPROMWEADSMKSSVESLQNR 360
Db 301 EIEROKEMLRNNEKILHQRVIDSOAEKLELDEKIRPROMWEADSMKSSVESLQNR 359
QY 361 VTELESVDKSAGOVARNRTGLLESQLSRHDOMLSYHDIRLADMDLRFQVLETAASYNGVLIW 420
Db 361 VTELESVDKSAGOVARNRTGLLESQLSRHDOMLSYHDIRLADMDLRFQVLETAASYNGVLIW 419
QY 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLANGDMGKGTSLSFVYIMRG 480
Db 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLANGDMGKGTSLSFVYIMRG 479
QY 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAASGCPVFAO 540
Db 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAASGCPVFAO 539
QY 541 TVLENGTYIKDDTIFIKIYIVDTSDLPDP 568
Db 541 TVLENGTYIKDDTIFIKIYIVDTSDLPDP 567

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Search completed: December 19, 2002, 14:58:55
Job time: 149 secs

